

Market Range Detail - Instrument Technician - Water

Effective Date

July 18, 2005

Market Range Title Description

Positions in this market range title perform skilled technical work in the testing, operation, maintenance, and repair of hydrometeorology and environmental data collection instrumentation including the electronic, mechanical, and computerized components. Senior level incumbents may provide training, guidance, and direct the work of less experienced technicians. Primary duties typically include performing maintenance, inspection, repair, and calibration of instrumentation, analyzing, troubleshooting, and diagnosing malfunctions and other instrument issues, programming and testing equipment functionality, installing Automated Local Evaluation in Real Time (ALERT) and stream gauges in remote locations, laying conduit for sensor signal lines, reading and calculating instrument measurements, assisting with the development and establishment of new sites, camouflaging stations, operating and maintaining electronic test and calibration equipment, maintaining accurate maintenance, operation, and test records, operating manual/power tools, and assisting with emergency responses.

Market Range

| Minimum Hourly Rate | Midpoint / Hiring Maximum | Maximum Hourly Rate |
|---------------------|---------------------------|---------------------|
| \$20.54 | \$23.46 | \$26.38 |

Likely Minimum Qualifications

- High school diploma or GED
- 2 years of electronic and radio telemetric instrumentation experience
- Other combinations of education and/or experience may be considered in substitution for the minimum qualifications

Working Titles

- Hydrometeorologic Instrument Technician
- Instrument Technician - Water

Glossary:

Market Range Title: Broad grouping of related positions with like job responsibilities and qualifications. Market Range Titles typically include positions ranging from entry level to senior/lead level unless indicated otherwise.

Effective date: The date the salary range was implemented for use.

Market Range Title Description: Broad description of sample job duties and responsibilities of positions included in the Market Range Title. Each position included in a Market Range Title also has a job description that is specific to the department. Departments are responsible for writing and maintaining job descriptions for positions in their department. Employee Compensation is responsible for writing and maintaining Market Range Title Descriptions.

Likely Minimum Qualifications: Typical minimum qualifications for positions assigned to the Market Range Title. Because a broad group of jobs in different departments are included in a Market Range Title, minimum and preferred qualifications may vary slightly depending on the area of assignment.

Market Range: The minimum, midpoint, and maximum salary points for all positions included in the Market Range Title.

Hiring Range: The hiring range for all positions is ordinarily the minimum of the market range to the midpoint. The use of a different hiring range must be approved by Employee Compensation. Departments should use a hiring range that is within their funding capabilities and are required to comply with the County's Funded Position Policy ensuring that applicants are extended a rate that is supported by the department's budget.

Working Title: The specific title used by a department to identify a position within their organizational structure. Use of working titles is flexible and aimed to assist departments in identifying the unique functions and responsibilities of each position and is representative of the assigned Market Range Title. Ordinarily, supervisory and/or managerial titles should not be used for positions not assigned to a supervisory and/or manager Market Range Title.